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Robert M. Corless



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[Fundamentals of Engineering Numerical Analysis](#) Parviz Moin,2010-08-30 In this work Parviz Moin introduces numerical methods and shows how to develop analyse and use them A thorough and practical text it is intended as a first course in numerical analysis

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analysis This book will serve as can serve a main textbook of such one semester courses The book can also serve as additional reading for such courses as real analysis functional analysis harmonic analysis etc For non math major students requiring math beyond calculus this is a more friendly approach than many math centric options Friendly and well rounded presentation of pre analysis topics such as sets proof techniques and systems of numbers Deeper discussion of the basic concept of convergence for the system of real numbers pointing out its specific features and for metric spaces Presentation of Riemann integration and its place in the whole integration theory for single variable including the Kurzweil Henstock integration Elements of multiplicative calculus aiming to demonstrate the non absoluteness of Newtonian calculus

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